

**METHOD OF PART FLOW MODEL FOR PROGRAMMABLE LOGIC CONTROLLER
LOGICAL VERIFICATION SYSTEM**

ABSTRACT OF THE DISCLOSURE

5 A method is provided for application of part flow
model for a programmable logic controller logical verification
system. The method includes the steps of constructing a part
flow model, determining whether the part flow model is
acceptable, and using the part flow model to test PLC code to
10 build a manufacturing line.